

REMARKS

In paragraph 2 of the Action, claims 1 and 4 were rejected under 35 U.S.C. 102(e), as being anticipated by Natoli et al. (US Patent No. 6,388,657).

In view of the rejection, claim 1 has been amended to substantially incorporate with claims 2 and 3, and claims 2 and 3 have been canceled.

In claim 1, it is defined that a body mounting display system comprises a display device to be worn by a user and having at least one interface, a computer situated away from the display device and having a bus line for outputting signals corresponding to at least display data, said computer transmitting a plurality of different kinds of signals, and a radio transmission device disposed between the display device and the computer, and including a computer side output transmission circuit connected to the computer through the bus line, and a body side output transmission circuit.

In Natoli, it is disclosed that a VR headset is worn or attached to a user, on lines 30-31 of column 5; the VR headset and/or LCD receive signals from a first processor through a first channel with a wire, a wireless connection, or a fiber optic, on lines 41-43 of column 5; the VR glove is connected to the first processor through a second channel with a wire, a wireless connection, or a fiber optic, on lines 1-4 of column 4; the first processor generates key input signals and the key input signals are output to a second processor for use with application programs, on lines 27-45 of column 6; and display signals generated by the second processor is transferred through the first processor to the LCD of the VR headset, lines 61-63 of column 6.

However, in Natoli, the structure defined in claim 1, especially the radio transmission device, is not disclosed.

In claim 1 of the invention, it is also defined that the body side output transmission circuit is adapted to be worn by the user

and is connected to the display device through the at least one interface; the signals at the computer passing through the bus line are transmitted wirelessly from the computer side output transmission circuit to the body side output transmission circuit and are restored at a user side to be displayed at the display device through the at least one interface without processing; said computer side output transmission circuit includes a first buffer memory to which data corresponding to the signals is written by the computer, a first reading device for reading data stored in the first buffer memory and converting the data to communication signals, and a first sending device for sending the communication signals; said body side output transmission circuit includes a first receiving device for receiving the communication signals sent from the computer side output transmission circuit, and a first restoring device for restoring the received communication signals to restored signals corresponding to the signals outputted from the computer without further processing the signals; and said at least one interface includes an image output interface connected to the first restoring device and the display device for producing the signals for actuating the display device based on the restored signals outputted from the first restoring device.

However, in Natoli, the structure defined in claim 1, is not disclosed.

That is, the structure for actuating the display device through transmitting and receiving the signals, which has the computer side output transmission circuit including the first buffer memory, the first reading device and the first sending device, the body side output transmission circuit including the first receiving device and the first restoring device, and the interface including the image output interface, is not disclosed in Natoli.

Further, in Natoli, it is disclosed that the first processor including a microprocessor with memory for executing the VR program is worn or mounted on the user, on lines 53-60 of column 5.

However, in the invention, as defined above, the computer side output transmission circuit including a first buffer memory is connected to the computer through the bus line. That is, the body side output transmission circuit worn or mounted on the user does not include the memory.

Therefore, as explained above, Natoli does not disclose the invention claimed in claim 1.

In claim 4, it is defined that a body mounting display system, comprises a display device to be worn by a user, an image output interface to be worn by the user and connected to the display device, a computer located away from the display device for outputting signals corresponding to display data for the display device and having a bus line, said computer transmitting a plurality of different kinds of signals, and a signal transmission device disposed between the display device and the computer, and including a computer side output transmission circuit connected to the computer through the bus line and a body side output transmission circuit to be worn by the user and connected to the display device through the image output interface, said body side output transmission circuit being connected to the computer side output transmission circuit wirelessly; and said computer side output transmission circuit includes a first buffer memory to which data corresponding to the signals outputted through the bus line is written by the computer, a first reading device for reading the data stored in the first buffer memory and converting the data to communication signals and a first sending device for sending the communication signals, said body side output transmission circuit includes a first receiving device for receiving the communication signals sent from the first sending device as they are and a first

restoring device for restoring the received communication signals to signals corresponding to the signals outputted through the bus line, and said signals of the computer wirelessly transferred to the body side output transmission circuit are only restored at the body side without processing to obtain each kind of signals at a user side, said image output interface processing and producing signals at the user side for actuating the display device based on the communication signals.

However, Natoli does not disclose the structure defined in claim 4.

That is, in Natoli, it is not disclosed that the signal transmission device is disposed between the display device and the computer, and includes a computer side output transmission circuit connected to the computer through the bus line, and a body side output transmission circuit to be worn by the user and connected to the display device through the image output interface.

Also, Natoli does not disclose the structure for actuating the display device in claim 4.

That is, the structure for actuating the display device through transmitting and receiving the signals, which has the computer side output transmission circuit including the first buffer memory, the first reading device and the first sending device, the body side output transmission circuit including the first receiving device and the first restoring device, and the image output interface being at the user side, is not disclosed in Natoli.

Further, in claim 4 of the invention, the computer side output transmission circuit including a first buffer memory is connected to the computer through the bus line. That is, the body side output transmission circuit worn or mounted on the user does not include the memory.

Therefore, as explained above, Natoli does not disclose the invention claimed in claim 4.

Finally, the invention claimed in claims 1 and 4 performs to transmit and receive the images between a user and computer without any processing other than converting the signals. Due to the structure of the invention, downsizing, weight saving and heat generation of the body side output transmission circuit can be made. As a result, the invention has an effect that a burden on the user wearing the circuit can be significantly reduced.

Therefore, the invention claimed in claims 1 and 4 are not disclosed or even suggested in Natoli.

Thus, Claims 1 and 4 are patentable over Natoli.

Also, it was held that claims 6-8 are allowable on the Action.


As a result, claims 1, 4 and 6-8 are allowable.

Reconsideration and allowance are earnestly solicited.

If any further amendment is required to advance the application, please contact the undersigned agent.

Respectfully Submitted,

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